

### Abstract

The invention concerns a system for and a method of location-sensitive reproduction of audio signals.

The object of the invention is therefore to provide a system for the reproduction of audio signals, which is capable of providing for optimum reproduction of audio signals at a plurality of points in space.

A system for location-sensitive reproduction of audio signals comprising

- at least one electroacoustic transducer (7) for the reproduction of audio signals,
- at least one location-sensitive detection device (3) for detecting the position of at least one object (1) for which a reproduction of audio signals is intended, and
- a central unit (5) for calculating and controlling the audio signal output of each individual transducer (7) for the optimum reproduction of the audio signals at the position of the object (1), which is detected by the location-sensitive detection device (3).